

### Amendments to the Claims

1. (Original) A method comprising:

receiving input to open a data file having a solution;

discovering, without user interaction, the solution;

5 deploying, without user interaction, the solution;

displaying, by opening the data file with the solution, an electronic form  
having operable fields; and

enabling a user to enter data into the operable fields of the electronic form,  
wherein the solution defines the availability of one or more actions to the user  
10 when entering the data into each said operable field of the electronic form.

2. (Original) The method as defined in Claim 1, further comprising:

receiving data entered into the operable fields of the electronic form; and

altering the data in the data file so as to correspondingly reflect the data  
15 received.

3. (Original) The method as defined in Claim 1, wherein the  
availability of one or more actions to the user concurs with an event elected from  
the group consisting of:

20 an association of an input device being used by the user with one said  
operable field;

a cursor position corresponding to an input device being used by the user is proximal to one said operable field;

one said operable field is selected by the user by use of an input device;

one said operable field on the electronic form is made to be an active field

5 by operation of an input device being used by the user;

specific conditions are met;

specific conditions are met with respect to the data in the one said operable field;

10 when the user's mouse pointer for an input device rests over, within, or proximal to an editable region of one said operable field;

when the user's mouse pointer for an input device rests over, within, or proximal to an editable region of one said operable field and the mouse is clicked one or more times.

15 4. (Original) The method as defined in Claim 1, wherein each said action is selected from the group consisting of:

a request for one or more of a display of a menu and an activation of a menu item of a menu;

20 a request for one or more of a display of a tool bar and an activation of a command tool of a tool bar;

an editing operation with respect to data in at least one said operable field that is one or more of an undo function, a redo function, a copy function, a cut

function, a paste function, an insertion of a hyperlink, and a carriage return or line feed function;

performing a character formatting operation with respect to data in at least one said operable field that is one or more of a boldface, an italics, an underlining, a change of font size or font color, character spacing, and text effects; and

adding, entering, updating or deleting, with respect to at least one said operable field, one or more of a repeating operable field, an optional operable field, a spreadsheet, a table, a row or a column in a table, a text box, multiple spaces, a header, a footer, an image, a graphic, a picture, a link to an image, a link to a graphic, a link to a picture, single line plain text, multi-line plain text, single line formatted text, multi-line formatted text, rich text, a whole number, a decimal, a true/false distinction, a date, and a time.

5. (Original) The method as defined in Claim 1, wherein the availability of each said action is determined on the basis of the context of each said operable field of the electronic form with respect to at least one other said operable field of the electronic form.

6. (Original) The method as defined in Claim 1, wherein discovering the solution includes discovering a solution identifier in the data file, computing a special name from the solution identifier, and discovering the solution using the special name.

7. (Original) The method as defined in Claim 1, wherein the data file includes primarily data.

8. (Original) The method as defined in Claim 1, wherein the data file is written in XML.

9. (Original) The method as defined in Claim 1, wherein:  
the solution includes a presentation application that includes the electronic form; and

the presentation file contains logic to gives the display of the electronic form a graphical, visual representation of the operable fields.

10. (Original) The method as defined in Claim 9, wherein the presentation application is written in XSLT.

11. (Original) The method as defined in Claim 1, wherein the solution includes a logic application for ensuring the validity of the received data that is entered into the operable fields of the electronic form.

5 12. (Original) The method as defined in Claim 11, wherein the logic application includes an XML schema.

13. (Original) The method as defined in Claim 1, wherein the electronic form is written in XHTML.

10 14. (Original) A computer-readable medium comprising computer-executable instructions that perform the method as defined in Claim 1 when executed by a computer.

15 15-62. (Canceled)

62. (Original) An apparatus comprising:  
means for displaying a representation of a data file;  
means for selecting the data file;  
20 means for discovering and deploying, without user interaction, a solution application governing the data file;

means for displaying an electronic form representing a product of the solution application and the data file;

means for enabling a user to enter data into the electronic form;

means, within or referred to by the solution, for defining the availability of

5 one or more actions to the user when entering the data into the electronic form;

means for receiving data entered into the electronic form; and

means for altering the data file to reflect the data received.

10 **63.** (Original) The apparatus as defined in Claim 62, wherein the availability of one or more actions to the user concurs with an event elected from the group consisting of:

an association a data-entry field on the electronic form with means, used by the user, for making input;

15 a cursor position corresponding to a data-entry field on the electronic form with means, used by the user, for making input;

a data-entry field on the electronic form is selected by the user by use of the means for making input;

at least one data-entry field on the electronic form is made to be an active field by operation of the means for making input being used by the user;

20 specific conditions are met;

specific conditions are met with respect to data in at least one data-entry field on the electronic form;

when the user's mouse pointer for the means for making input rests over, within, or proximal to an editable region of at least one data-entry field on the electronic form;

when the user's mouse pointer for the means for making input device rests over, within, or proximal to an editable region of at least one data-entry field on the electronic form and the mouse is clicked one or more times.

**64.** (Original) The apparatus as defined in Claim 62, wherein each said action is selected from the group consisting of:

displaying a menu containing one or more menu items with the electronic form;

displaying a toolbar containing one or more command tools with the electronic form;

selecting a menu item from a menu that is displayed with the electronic form;

selecting a command tool from a tool bar that is displayed with the electronic form;

an editing operation with respect to data in a data-entry field in the electronic form that is one or more of an undo function, a redo function, a copy function, a cut function, a paste function, an insertion of a hyperlink, and a carriage return or line feed function;

performing a character formatting operation with respect to data in a data-entry field in the electronic form that is one or more of a boldface, an italics, an underlining, a change of font size or font color, character spacing, and text effects; and

5           adding, entering, updating or deleting, with respect to a data-entry field in the electronic form, one or more of a repeating data-entry field, an optional data-entry field, a spreadsheet, a table, a row or a column in a table, a text box, multiple spaces, a header, a footer, an image, a graphic, a picture, a link to an image, a link to a graphic, a link to a picture, single line  
10       plain text, multi-line plain text, single line formatted text, multi-line formatted text, rich text, a whole number, a decimal, a true/false distinction, a date, and a time.

65-83. (Canceled)